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नई विल्लो, शनिवार, मई 10, 1975 (बैसाख 20, 1897)

No. 19]

NEW DELHI, SATURDAY, MAY 10, 1975 (VAISAKHA 20, 1897)

इस भाग में मिस्त्र पृष्ठ संख्या वी जाती है जिससे कि यह अलग संकलन के रूप में रखा जा सके।
Separate paging is given to this Part in order that it may be filed as a separate compilation.

भाग III—खण्ड 2

PART III—SECTION 2

पेटेन्ट कार्यालय द्वारा जारी की गई पेटेन्टों और डिजाइनों से सम्बन्धित अधिसूचनाएं और नोटिस

Notifications and Notices issued by the Patent Office relating to Patents and Designs

THE PATENT OFFICE
PATENTS AND DESIGNSAPPLICATION FOR PATENTS FILED AT THE
HEAD OFFICE

The dates shown in crescent brackets are the dates claimed under Section 135 of the Act.

3rd April, 1975

677/Cal/75. Council of Scientific and Industrial Research. Improvements in or relating to catalyst for gas recombination in sealed storage cells and batteries.

678/Cal/75. Council of Scientific and Industrial Research. A process for microencapsulating cholesteric material for use as a liquid crystal thermal device.

679/Cal/75. Vandervell Products Limited. Improvements in or relating to bearings (April 9, 1974).

680/Cal/75. Girling Limited. Improvements in or relating to welding apparatus. (April 9, 1974).

681/Cal/75. Pfizer Corporation. Preparation of propanolamine derivatives. (April 10, 1974).

682/Cal/75. Hooker Chemicals & Plastics Corporation. Polyvinyl chloride composition.

4th April, 1975

683/Cal/75. Tapan Sarkar. Development of a new type of equipments which can compress any fluid in new method or, can generate mechanical energy by any fluid in new method.

684/Cal/75. Parkinson Cowan GWB Limited. Improvements relating to grate assembly for a boiler (April 11, 1974).

57GI/75

685/Cal/75. Sherritt Gordon Mines Limited. Process for recovering metals from metal ammine bearing ammonium salt solutions using ion exchange resin. (April 11, 1974).

686/Cal/75. Societe D'Exploitation Des Procedes Marechal S.E.P.M. A connector for joining two pieces of an electric cable.

687/Cal/75. Valentin Terentievich SAMONOV. Spindle for a machine for sealing electric vacuum devices.

688/Cal/75. Refratechnik Albert GmbH. A method of producing low-carbon, white husk ash.

5th April, 1975.

689/Cal/75. Imperial Chemical Industries Limited. Prostanoic acid derivatives. (April 22, 1974).

690/Cal/75. Canadian Industries Limited. Process for the separation of sodium azide. (April 24, 1974).

7th April, 1975

691/Cal/75. Dr. W. Schneider, Dr. C. Frohlich, Dr. H. Fiedler & Dr. H. Lefevre. Process for isolating albumin from blood.

692/Cal/75. W. A. Martin. Two fluid solar boiler.

693/Cal/75. Gregor N. Neff. Feeding insects to animals.

694/Cal/75. ICI Australia Limited. Products and processes. (May 24, 1974).

695/Cal/75. Council of Scientific and Industrial Research. Improvements in or relating to inhibitive pigments.

696/Cal/75. Council of Scientific and Industrial Research. A new type of liquid crystal material for use in electro-optical display devices.

697/Cal/75. Council of Scientific and Industrial Research. Preparation of synthetic iron oxide pigments.

698/Cal/75. Council of Scientific and Industrial Research. Process for the manufacture of progesterone from diosgenin.

699/Cal/75. Council of Scientific and Industrial Research. Surface wave probe for ultrasonic non-destructive testing.

700/Cal/75. Council of Scientific and Industrial Research. A low cost electronic thermometer for biomedical and other applications.

8th April, 1975

701/Cal/75. Council of Scientific and Industrial Research. Improvements in or relating to hard anodising of aluminium and its alloys in sulphuric acid electrolyte using alternating current.

702/Cal/75. Council of Scientific and Industrial Research. A liquid crystal electro-optical device.

703/Cal/75. Sisir Kumar Guin. Cabinet providing a convenient method of storing and handling or gramophone records.

704/Cal/75. Tsentralny Nauchno-Issledovatelsky Institut Geomatologii i Perelivaniya Krovi. Method for preparing antistaphylococcal human immune globulin.

705/Cal/75. Chloride Group Limited. Electric storage batteries. (April 9, 1974).

706/Cal/75. Aluminium Pechiney. A process and an apparatus for collecting the fumes given off during the production of aluminium in an electrolysis cell with a continuous anode.

707/Cal/75. Bayer Aktiengesellschaft. Moulding compositions.

708/Cal/75. Union Carbide Corporation. A process for refining molten aluminium. [Divisional date December 27, 1972].

709/Cal/75. Staubli Ltd. Weaving machine.

710/Cal/75. Staubli Ltd. Weaving frame for weaving machine.

711/Cal/75. Staubli Ltd. Healds for weaving machines having heald frame bars for several healds, which bars are moved by a shed-forming device.

9th April, 1975

712/Cal/75. Bayer Aktiengesellschaft. Moulding compositions.

713/Cal/75. Girling Limited. Improvements in tandem master cylinders for hydraulic braking systems. (April 19, 1974).

714/Cal/75. Imperial Chemical Industries Limited. Hardenable resin compositions. (April 23, 1974).

715/Cal/75. Universal Oil Products Company. Alkylation reaction chamber.

716/Cal/75. Amsted Industries Incorporated. Transition coupling.

717/Cal/75. Dr. C. Otto & Comp. GMBH. Charging car for coke ovens.

718/Cal/75. Dr. C. Otto & Comp. GMBH. Plant for the chemophysical surface treatment of wire coils.

719/Cal/75. DSO "PHARMACHIM". Method for producing phytin.

720/Cal/75. Merlin Gerin. Gastight liquid-type dynamic seal for control shaft of pressurized circuit interrupters.

721/Cal/75. Dr. Panchanan Prasad Das & Dr. Ajit Kumar Chakrabarti. Improvements in and relating to the production of malleable cast iron.

APPLICATION FOR PATENTS FILED AT THE BOMBAY BRANCH

24th March, 1975

75/Bom/75. V. D. Hukerikar. Noiseless wrist watch alarm.

76/Bom/75. P. S. Naidu. Improved cutter holding spindle with top former for a pantograph.

77/Bom/75. K. Joshi & Co. Powderless etching: additives and bath compositions for etching zinc and magnesium photo-engraving plates.

78/Bom/75. Philips India Limited. A strip lamination ballast with polyester compound filling.

25th March, 1975

79/Bom/75. E. N. Contractor. A pipe-joiner for pipes used for liquids, and gases.

80/Bom/75. S. D. Pardhy. Fuel economy process for internal combustion engines.

29th March, 1975

81/Bom/75. G. M. Churi. Improvements in or relating to locks and similar security devices.

82/Bom/75. S. L. Kulkarni and J. P. Modak. Oscillating pedal mechanism for man-powered vehicles.

83/Bom/75. N. P. Kinariwala Private Ltd. A sprinkler.

APPLICATION FOR PATENTS FILED AT THE MADRAS BRANCH

24th March, 1975

46/Mas/75. C. K. Bhasker. Internal combustion engine cylinder cut off device.

25th March, 1975

47/Mas/75. C. S. Rao. Improvements in or relating to steam cookers.

48/Mas/75. C. S. Rao. Improvements in or relating to pressure control valve of mechanism.

26th March, 1975

49/Mas/75. R. Balasundaram. Device or apparatus called "MERC-SPEED SWITCH".

ALTERATION OF DATE

110323. Ante-dated to 10th September, 1962.
137134

12/Mas/72. Post-dated 25th January, 1973.
137141

1626/Cal/74. Ante-dated to 6th May, 1969.
137142

1646/Cal/74. Ante-dated to 5th February, 1972.

COMPLETE SPECIFICATION ACCEPTED

Notice is hereby given that any person interested in opposing the grant of patents on any of the applications concerned, may at any time within four months of the date of this issue or within such further period not exceeding one month applied for on form 14 prescribed under the Patents Rules, 1972 before the expiry of the said period of four months, given notice to the Controller of Patents at the appropriate office as indicated in respect of each such application, on the prescribed form 15, of such opposition. The written statement of opposition should be filed along with the said notice or within one month from its date as prescribed in Rule 36 of the Patents Rules, 1972.

A limited number of printed copies of the specifications listed below will be available for sale from the Government of India Book Depot, 8, Kiran Sankar Roy Road, Calcutta, in due course. The price of each specification is Rs. 2 (postage extra if sent out of India). Requisition for the supply of the printed specifications should be accompanied by the number of the specifications as shown in the following list.

Typed or photo copies of the specifications together with photo copies of the drawings, if any, can be supplied by the Patent Office, Calcutta on payment of the prescribed copying charges which may be ascertained on application to that office.

CLASS 32 C & 55E. I.C.:—CO7g 11/00. 81909

PROCESS FOR PREPARING A NEW ANTIBIOTIC.

MEAD JOHNSON & COMPANY, OF EVANSVILLE, INDIANA, UNITED STATES OF AMERICA.

Application No. 81909 filed April 24, 1962.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

12 Claims

The process which comprises cultivating a strain of the microorganism *Staphylococcus staphylyticus* on an aqueous nutrient medium containing assimilable sources of carbohydrate and nitrogen until substantial lytic activity for species of *Staphylococcus* other than *S. Staphylyticus* is imparted thereto.

CLASS 32F_{2a} & 55E. I.C.:—CO7c 85/00 83485

PROCESS FOR THE PRODUCTION OF SUBSTITUTED PROPYLAMINE DERIVATIVES.

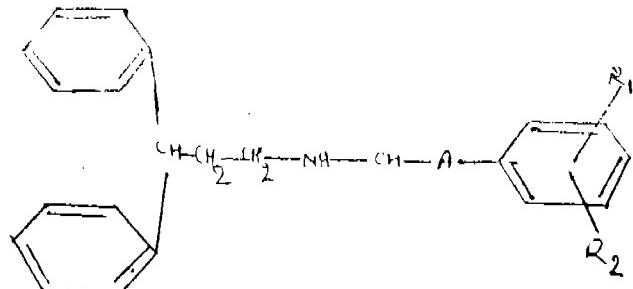
CHINOIN GYOGYSZER ES VEGYESZETI TERMEKEK GYARA R.T., OF TO UTCA-1-5, BUDAPEST IV, HUNGARY.

Application No. 83485 filed July 28, 1962.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

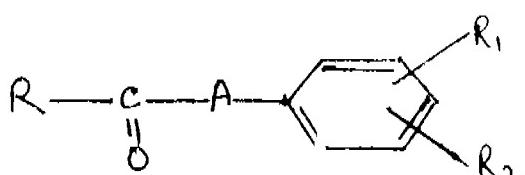
3 Claims

A process for the preparation of compounds of formula L



where R stands for an alkyl group, R₁ and R₂ stand for hydrogen, a hydroxy-group, an alkoxy group or a dialkylamino group, while A stands for an ethyl group or a valency bond or in compounds where R stands for an ethyl group A stands also for a methylene group,

and its salts, which comprises reacting γ , γ -diphenyl-propylamine with ketones of the general formula II.



in which R, R₁ and R₂ have the meanings as defined above the drawing with simultaneous or subsequent reduction, and converting the compounds thus obtained into their salts formed with acids or setting free of the base from the salts by conventional process of alkalization.

CLASS 32F_{4d} & 55. I.C.:—CO7c 169/34

84068

PROCESS FOR PREPARING 17 α -METHYL-20-KETO STEROIDS.

AYERST, MCKENNA & HARRISON, LIMITED, OF 1025 LAURENTIEN BOULEVARD SAINT LAURENT, PROVINCE OF QUEBEC, CANADA.

Application No. 84068 filed September 10, 1962.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

4 Claims

A process for preparing a 17 α -methyl-20-ketosteroid which comprises reacting a methyl magnesium halide with a steroid lower alkyl ester selected from the group consisting of 17 α -methyletianic and 17 α -methyl- α -ethenyl lower alkyl esters, in an inert medium at a temperature of from about 50°C to about 200°C, and recovering from the reaction mixture a 17 α -methyl-20-ketosteroid.

CLASS 32F₁+F_b. I.C.:—CO7d 27/56.

84329

PROCESS FOR PREPARING SUBSTITUTED CYCLOALKANOINDOLES.

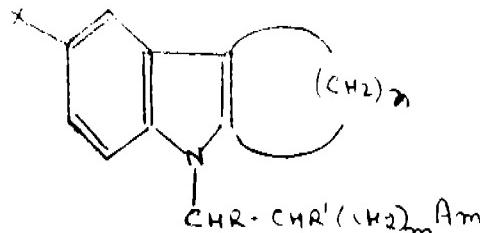
AMERICAN HOME PRODUCTS CORPORATION, OF 685 THIRD AVENUE, NEW YORK, NEW YORK, U.S.A.

Application No. 84329 filed September 26, 1962.

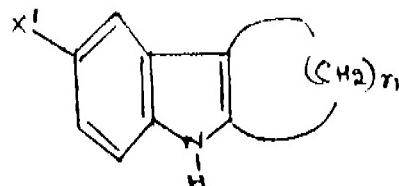
Appropriate office for opposition proceedings (Rule 4, Patents Rule, 1972) Patent Office, Calcutta.

10 Claims.

Process for producing an N-substituted 2, 3-polymethylene-indole having the formula as shown in Fig. 1.



in which X is hydrogen, fluorine, chlorine, nitro, amino, methyl, hydroxy, or lower alkoxy. R is hydrogen or phenyl. R' is hydrogen or methyl. Am is a primary, secondary, or tertiary amino radical containing no more than about eight carbon atoms. m is a number ranging from 0 to 4, and n is a number ranging from 5 to 13 characterized in that a 2, 3-polymethyleneindole having the formula as shown in Fig. 2.



in which X' is hydrogen, fluorine, chlorine, nitro, methyl, hydroxy, or lower alkoxy and n is an integer from 5-13, is reacted with a reagent capable of substituting on the indole nitrogen atom a substituent having the formula

-W-CHR'-(CH2)m-Y

where W is methylene, benzylidene, or -C:O:-, R' is hydrogen or methyl, m is a small integer of from 0 to 4, preferably 0 to 1, and Y is a carboxylic acid radical, a carboxylic ester radical, a nitrile radical, an hydroxy radical, chlorine, bromine iodine an alkylsulfonyloxy radical, an arylsulfonyloxy radical, or an amino radical containing no more than about eight carbon atoms, and, where Y is a carboxylic acid radical a carboxylic ester radical, a nitrile radical, a halogen atom, an alkylsulfonyl radical or an arylsulfonyloxy

radical, further reacting by known methods the product so formed to convert these radicals to an amino radical, and, if desired, when the product is a primary or secondary amine further subjecting the same to N-alkylation or N-hydroxy-alkylation.

CLASS 32F., F₂A, F₃D. I.C.-CO7d, 101/00. 84535.

A PROCESS FOR INTRODUCING 17α -HYDROGEN, ALKYL, ALKENYL OR ARALKYL GROUP INTO A STEROID.

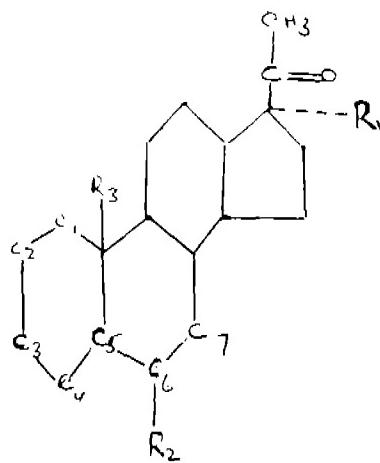
AMERICAN CYANAMID COMPANY, OF BERDAN AVENUE, TOWNSHIP OF WAYNE, STATE OF NEW JERSEY, UNITED STATES OF AMERICA.

Application No. 84535 filed October 11, 1962.

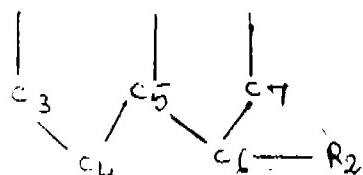
Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

8 Claims.

A process for introducing a 17α -hydrogen, alkyl, alkenyl or aralkyl group into a steroid of the formula as shown in Fig. 1.



wherein R₁ are alkyl groups having more than one carbon atom, lower alkenyl having 1 to 6 carbon atoms, or mono-nuclear aralkyl radicals; R₂ is a hydrogen, lower alkyl having 1 to 6 carbon atoms, nitro, trifluoromethyl or halogen radical; R₃ is a hydrogen or methyl radical; -C_x-C_y is the divalent radical or CH₂-CH₂ or HC=CH radicals; and the radical having the formula shown in Fig. 2,



is the trivalent radical of the group consisting of the radicals having the formulae as shown in Figs. 3—9.

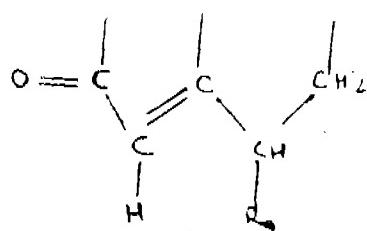


Fig. 4.

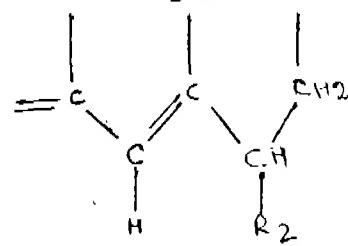


Fig. 5.

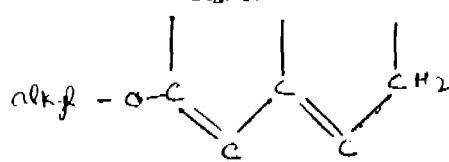


Fig. 6.

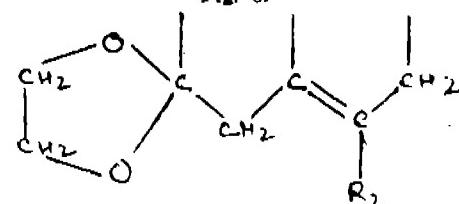


Fig. 7.

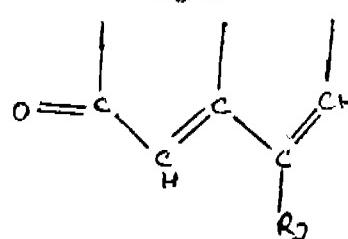


Fig. 8.

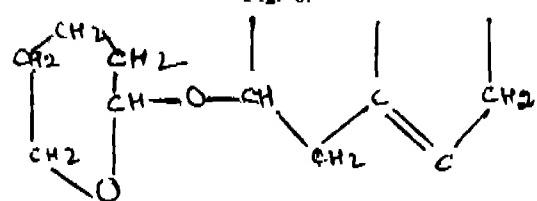
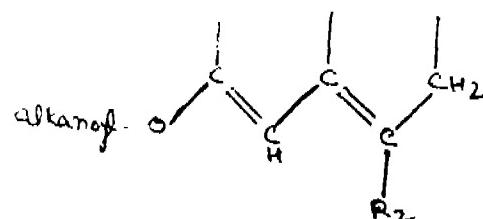
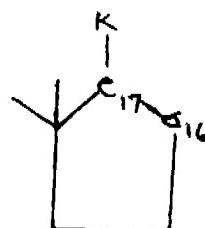


Fig. 9.



wherein R₂ is as defined herein characterized by

(a) treating a steroid having a configuration as shown in Fig. 11.



in the D-ring wherein K is the group $\text{C}=\text{O}$, CO or COOR wherein R is an alkyl group having 1 to 6 carbon atoms and C_{17} 16 is the group having the formulae of Figs. 12

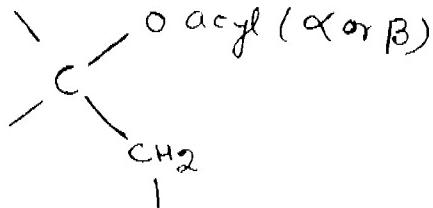


Fig. 13.

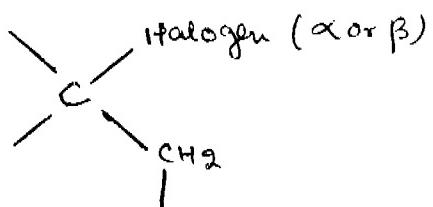


Fig. 14.

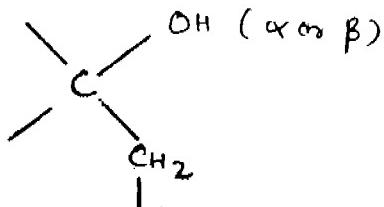


Fig. 15.

with an alkali or alkaline earth metal to give the intermediate enolate ion and then with a conventional alkylating, alkenylating or aralkylating agent

(b) and, if desired, when K is CN or COOR and wherein R is as defined herein treating the product formed with a methyl magnesium halide or with methyl lithium to convert K into CH_3 .



CLASS 32F_{8a} & 55E₄. I.C.—CO7C 93/08. 85493.

PROCESS FOR THE PREPARATION OF N-METHYLAMINOETHYL-2-METHYL-BENZHYDRYL ETHER.

N. V. KONINKLIJKE PHARMACEUTISCHE FABRIKEN V/H BROCADES-STHEEMAN & PHARMACIA, OF STATIONSWEG 33, MPPPEL, HOLLAND.

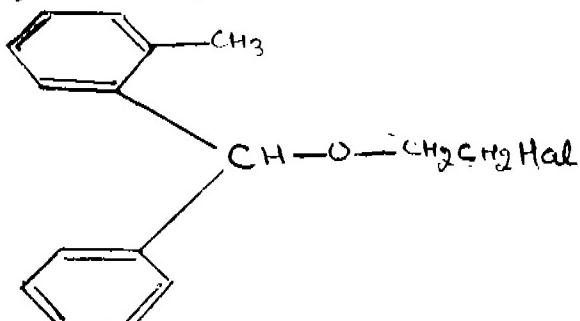
Application No. 85493 filed December 5, 1962.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

6 Claims.

Process for the preparation of *N*-methylaminoethyl-2-methylbenzhydryl ether which comprises reacting a

β -haloethyl 2-methylbenzhydryl ether of the general formula shown in Figure II.



(wherein Hal represents a halogen atom) with methylamine, and optionally converting by a known method as herein described the *N*-methyl-aminoethyl 2-methylbenzhydryl ether thus obtained into an acid addition salt.

CLASS 32F_{8a}, F_{8c}+F_{8d} & 182C. I.C.—C13L, 9/00. 86784.

PROCESS FOR THE MANUFACTURE OF ORGANIC POLYHYDROXY COMPOUNDS.

THE COLONIAL SUGAR REFINING COMPANY LIMITED, OF 1-7 O'CONNELL STREET, SYDNEY, NEW SOUTH WALES, AUSTRALIA.

Application No. 86784 filed March 5, 1963.

Convention date March 15, 1962 (15416/62) Australia.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

10 Claims—No drawings.

Process for the manufacture of phosphoric esters of organic polyhydroxy compounds selected from the group consisting of carbohydrates and polyhydric alcohols, which process includes the steps of mixing the selected organic polyhydroxy compound with water and calcium oxide or calcium hydroxide, phosphorylating said mixture at a low temperature with phosphorus oxychloride in a chlorinated hydrocarbon solvent, and recovering the calcium salt of the phosphate ester by known means as herein described from the reaction medium, said process being characterised in that the calcium oxide or calcium hydroxide is used in a stoichiometric quantity.

CLASS 83A., I.C.—A231 1/00.

102038.

PROCESS FOR THE PRODUCTION OF FIBRELESS GREEN PLANT EXTRACT.

BUDAPESTI MUSZAKI EGYETEM. (TECHNICAL UNIVERSITY OF BUDAPEST), OF 1-3, BUDAFOKI UT, BUDAPEST XI, HUNGARY.

Application No. 102038 filed October 13, 1965.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

12 Claims—No drawings.

A process for the preparation of a substantially fibreless green plant extract of high nutritional value, wherein comminuted green plant material is subjected to pressure to force a liquid therefrom, the resulting press cake is wetted with an aqueous medium and subjected to further pressure to force further liquid therefrom not more than two times, the separated liquid is concentrated to a solids content of at least 40%, chloroplast particles being separated from said liquid during concentration and recombined with the concentrated extract, and physiologically active substances being isolated if desired from the separated liquid prior the concentration process.

CLASS 32F,+F,b. I.C.—CO7C, 87/22.

105700.

PROCESS FOR THE PREPARATION OF SULPHUR-CONTAINING AMINES.

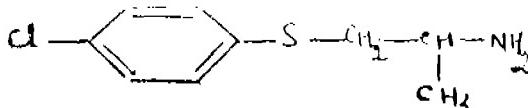
CIBA OF INDIA LIMITED, OF AAREY ROAD, GOREGAON EAST, BOMBAY 62, MAHARASHTRA STATE, INDIA.

Application No. 105700 filed June 13, 1966.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Bombay Branch.

5 Claims.

Process for the preparation of 1-(4-chlorophenyl)-mercapto-2-propylamine of the formula (I).



shown in the drawings accompanying this specification or salts thereof, which comprises reacting a p-chloro-thiophenol of the formula II.



shown in the drawings accompanying this specification or a salt thereof with 1, 2-propyleneimine and, if desired, converting in known manner such as herein described the resulting compound, whenever in free form, into a pharmaceutically acceptable salt or a resulting salt into the free compound or into another salt, and/or, if desired, separating in known manner such as herein described a resulting mixture of isomers.

CLASS 32F,b, 55E,+E_a, I.C.—CO7d, 45/00, 47/00, 49/00, 109569

PROCESS FOR THE PREPARATION OF AZACYCLOALIPHATIC COMPOUNDS

CIBA OF INDIA LIMITED, OF AAREY ROAD, GOREGAON EAST, BOMBAY-62, MAHARASHTRA STATE, INDIA.

Application No. 109569 filed March 3, 1967.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Bombay Branch.

10 Claims

A process for the manufacture of azacycloaliphatic compounds of formula Pyr-C(=X)-Alk-CH(R)-N=Z in which N=Z denotes an azacycloaliphatic residue containing 5-8 ring members and not more than one carbon-carbon double bond, Pyr denotes a 4-pyrazolyl residue, X stands for oxygen or a free or substituted hydroxyl group such as herein defined, together with a hydrogen atom, Alk represents a 1:1 lower alkylidene residue and R denotes a hydrogen atom or a lower alkyl group or salts thereof wherein a) a Pyr C(=O)-Alk-H is reacted with a lower alkanal and an azacycloaliphatic compound of the formula H-N=Z or an amino compound having at least one hydrogen atom attached to the nitrogen atom which is capable of forming an azacycloaliphatic residue of the formula N=Z such as herein described, and forming in a resulting compound the said azacycloaliphatic residue, which compound has a group capable of being converted into an azacycloaliphatic residue of the formula N=Z by methods known *per se*, and/or if desired, converting by methods known *per se* a resulting free base into salt or a resulting salt into the free base or into another salt, and/or if desired or required, resolving a mixture of isomers into its constituent isomers in a manner such as herein described.

CLASS 32F,d & 55E, I.C.—CO7C 169/34 110323

PROCESS FOR PREPARING 6, 17 α -DIMETHYL-4, 6-PREGNADIENE-3, 20-DI ONE

AYERST, MCKENNA & HARRISON, LIMITED, OF 1025 LAURENTIEN BOULEVARD, SAINT LAURENT, PROVINCE OF QUEBEC, CANADA.

Application No. 110323 filed April 22, 1967.

Division of application No. 84068 filed September 10, 1962.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

9 Claims

A process for preparing 6, 17 α -dimethyl-4, 6-pregnadiene-3, 20-dione which comprises :(1) reacting a 17 α -methyl-3, β -hydroxy-5-eticenic acid lower alkyl ester with an epoxidizing agent to yield the corresponding 5 α , 6 α -epoxide,(2) reacting said 5 α -6 α -epoxide with a methyl magnesium halide in an inert solvent at a temperature of from about 50°C to about 200°C to yield 3 β , 5 α -dihydroxy-6 β , 17 α -dimethyl pregnane-3,20-dione,(3) reacting said last-named compound with a reagent such as hereinbefore described, effective to oxidize a 3 β -hydroxy group into a 3-keto group, to obtain 5 α -hydroxy-6 β , 17 α -dimethyl pregnane-3,20-dione

(4) reacting said last-named compound with a dehydrating agent such as hereinbefore described, in basic or acidic medium, and

(5) dehydrogenating the compound thus produced with chloranil.

CLASS 32F,b. I.C.—CO7d, 53/04. 127307

PROCESS FOR THEIR PREPARATION OF BENZODIAZEPINE DERIVATIVES

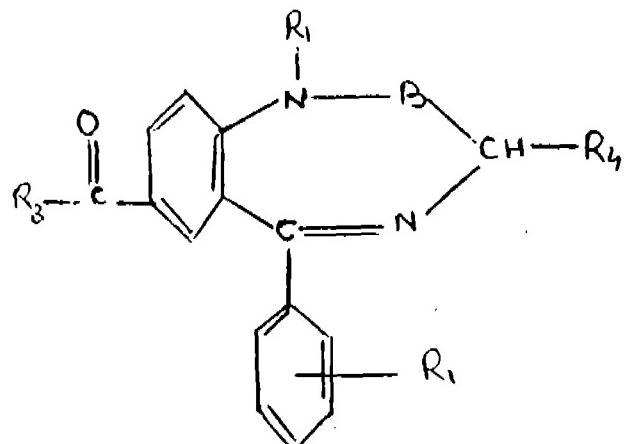
F. HOFFMANN-LA ROCHE & CO. AKTIENGESELLSCHAFT, OF 124-184 GRENZACHERSTRASSE, BASLE, SWITZERLAND

Application No. 127307 filed June 29, 1970.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

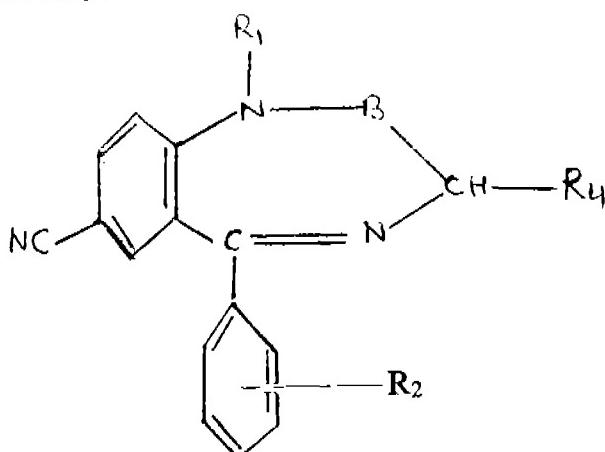
12 Claims

Process for the manufacture of benzodiazepine derivative of the general formula I.

wherein B represents methylene (-CH₂-) or carbonyl

(-C=O); R₁ represents hydrogen or lower alkyl except that B is methylene in case R₁ is lower alkyl, R₂ represents hydrogen or halogen, R₃ represents lower alkyl and R₄ represents hydrogen or lower alkyl,

which process comprises treating a compound of the general formula II.



wherein B, R₁, R and R₄ have the meaning indicated above, with a lower alkyl lithium.

CLASS 32C. I.C.—C12b, 1/20. 132092

A METHOD AND APPARATUS FOR FERMENTATION USING MICROORGANISMS

IMPERIAL CHEMICAL INDUSTRIES LIMITED, OF IMPERIAL CHEMICAL HOUSE, MILLBANK, LONDON, S.W.1., ENGLAND.

Application No. 132092 filed July 13, 1971.

Convention date July 21, 1970/(35285/70) U.K.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

21 Claims

A method for the aerobic fermentation of a carbon-containing substrate by microorganisms capable of utilizing the substrate for growth, comprising the steps of continuously circulating fermentation medium comprising the substrate and microorganisms through a system having a compartment of ascending flow (hereinafter referred to as a riser) and a compartment of descending flow (hereinafter referred to as the downcomer), connected at their upper and lower ends, and admitting an oxygen-containing gas to the lower end of the riser, the dimensions of the system being such that in the riser the medium is transported continuously between a lower region, in which oxygen is absorbed, and an upper region at a lower hydrostatic pressure, in which carbon dioxide produced during fermentation is desorbed, at a rate such that the carbon dioxide liquid phase partial pressure to which the microorganisms are subjected is within the range tolerable to the microorganisms.

CLASS 32F₁+F₂b. I.C.—CO7d 7/16. 137129

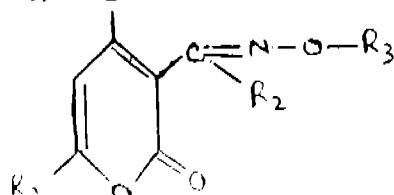
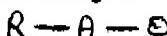
PROCESS FOR THE PRODUCTION OF α -PYRONE DERIVATIVES

NIPPON SODA COMPANY, LIMITED, OF NO. 2-1, OTEMACHI 2-CHOME, CHIYODA-KU, TOKYO, JAPAN
Application No. 2526/Cal/73 filed November 16, 1973.

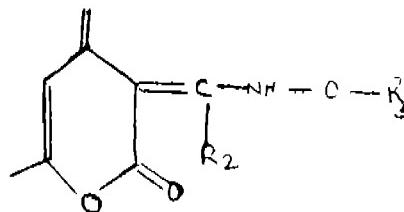
Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

6 Claims

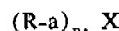
A process for the production of a compound of the formula shown in Fig. 9.



wherein R₁ is alkyl having from 2 to 6 carbon atoms or phenyl : R₂ is alkyl having from 2 to 6 carbon atoms or phenyl : R₃ is alkyl having from 1 to 10 carbon atoms or alkenyl having six or less carbon atoms or alkynyl having six or less carbon atoms : R is alkyl having from 1 to 20 carbon atoms or phenyl or phenyl substituted with halogen, methyl, methoxy or nitro group; A is carbonyl or sulfonyl, which comprises reacting a compound of the formula shown in Fig. 10.



wherein R₁, R₂, and R₃ represent the aforesaid meanings, with a compound of the formula



wherein R and A represent the aforesaid meanings and X is halogen atom when n is 1 and A is carbonyl and X is oxygen atom when n is 2.

CLASS 32F_a & 189.I.C.—CO7d 7/12. 137130

A PROCESS FOR THE PREPARATION OF NAPHTHOPYRANS

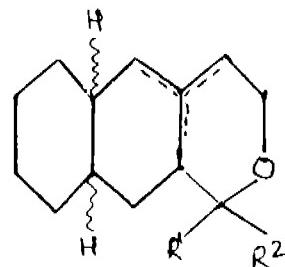
SOCIETE ANONYME DES ETABLISSEMENTS ROURE-BERTRAND FILS & JUSTIN DUPONT, 17B IS RUE LEGENDRE, PARIS, FRANCE.

Application No. 119/Cal/73 filed January 15, 1973.

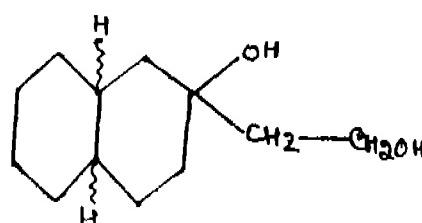
Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

4 Claims

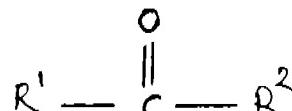
A process for the production of naphthapyrans having the general formula I.



wherein R¹ and R² each represent a lower alkyl group having from 1 to 4 carbon atoms and the dotted lines indicate an optional double bond emanating from the carbon atom in the 4a position, and mixtures thereof, which comprises condensing 2-hydroxyethyl-2-hydroxy-decalin having the formula II.



with a di-lower alkyl ketone having the formula III.



wherein R¹ and R² have the meanings given above and, if desired, catalytically hydrogenating the product so obtained.

CLASS 179C+D. I.C. B67b 1/08

137131

IMPROVED STOPPER AS BOTTLE CLOSURE

VASANT SHRIDHAR VAIDYA, MANAGING DIRECTOR, SWASTIK RUBBER PRODUCTS LIMITED, "SWASTIK HOUSE" KIRKEE, POONA-3, MAHARASHTRA STATE, INDIA.

Application No. 32/Bom/72 filed September 29, 1972.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent office, Bombay Branch.

2 Claims

Improved stopper as bottle closure comprising a stopper adapted to be held in place in an opening of a container like glass bottle, by means of an outer cap member with a hinged disc for opening the cap, characterised in that the upper surface of the said stopper is provided with a sunken portion which extends towards the inside of the bottle to form a sort of hollow cavity on the upper surface of the stopper; such that when the hypodermic needle is inserted the commonly occurring coring phenomenon will be avoided.

CLASS 206D. I.C.—HO3b, 19/00.

137132

MAGNETIC PULSE COMPRESSION RADIO-FREQUENCY GENERATOR

MAGEPULSE, INCORPORATED, OF 33 JONES ROAD, WALTHAM, MASSACHUSETTS 02154, U.S.A.

Application No. 1569/72 filed October 4, 1972.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

5 Claims

Magnetic pulse compression radio-frequency generator having, in combination, sequential inverter means having a plurality of energy storage and discharge circuits disposed at a plurality of locations, each such circuit being provided with a magnetic pulse compression circuit, means for connecting all of the plurality of magnetic pulse compression circuits to a common load, and means comprising trigger means connected in each energy storage and discharge circuit for controlling the impedance of the corresponding magnetic pulse compression circuit in order to generate sequential compressed pulses in the plurality of magnetic pulse compression circuits for application to the said common load.

CLASS 156D. I.C.-FO4c 1/00.

137133.

IMPROVEMENTS IN OR RELATING TO SWASH-PLATE HYDRAULIC MACHINES

TELEHOIST LIMITED, OF MANOR ROAD, CHERTSEHAM, ENGLAND.

Application 1764/72 filed October 28, 1972.

Convention date October 28, 1971/(50415/71) U.K.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

9 Claims.

A swashplate hydraulic machine having a cylinder casing formed with a ring of cylindrical through bores each of which is of constant diameter throughout the full length of the casing and provides a cylinder for a respective piston reciprocated by the swashplate, check valve inserts received in said bores at the inner ends of the cylinders and an end plate which closes the inner ends of the bores and retains the valve inserts in position therein, the arrangement being such that the valve inserts are freely inserted in the bores without positive location other than abutment with the end plate and during operation of the machine any forces acting on the inserts have a resultant directed towards the end plate.

CLASS 76B & 95-I. I.C.-F16b 2/02.

137134.

MECHANICAL CLAMPS

NARAYANASWAMI KRISHNAN, RESIDING AT NO. 3, SRIPURAM 2ND STREET, ROYAPETTAH, MADRAS-14, TAMILNADU, INDIA AND VISWANATHAN RAMCHANDRAN, 2A, SIR C.V. RAMAN ROAD MADRAS-18, TAMILNADU, INDIA.

Application No. 12/Mas/72 filed October 18, 1972.
post dated 25th January, 1973.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Madras Branch.

1 Claim.

A clamping device consisting of two linkages namely small and big ones made of sheet steel strips being riveted together and move about a fulcrum and carrying two self aligning jaws on their gripping ends intended to grip an object while moving outwards or inwards with a view to retain said jaw faces parallel to each other and the movement of the jaws being initiated by the operation of a threaded spindle assembly.

CLASS 32F3a & 55E4. I.C.-C07g 11/00.

137135.

PROCESS FOR PREPARING DERIVATIVES OF POLYENE MACROLIDE ANTIBIOTICS

POLITECHNIKA GDANSKA, OF MAJAKOWSKIEGO STR., 11/12 GDANSK, POLAND.

Application No. 1162/72 filed August 14, 1972.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

7 Claims. No. drawings.

Process for preparing derivatives of polyene macrolide antibiotics by reacting polyene macrolide antibiotics containing at least one amino group in the macrolide molecule such as herein described with mono- or oligosaccharides of a series of alloses or ketoses and/or their derivatives capable to react with the amino group, which process comprises admixing the reactants, allowing the reaction mixture to stand so as to let the reaction proceed, and then isolating the reaction product and, if desired, converting the said product into a salt in a known manner such as herein described.

CLASS 32E, 65B, & 152E. I.C.-C08f 39/00.

137136.

A METHOD OF PREPARING A CURED RESINOUS COMPOSITION SUITABLE FOR INSULATING ELECTRICAL APPARATUS

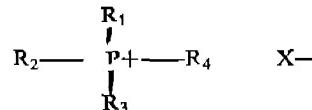
WASTINGHOUSE ELECTRIC CORPORATION, OF PITTSBURGH, PENNSYLVANIA, UNITED STATES OF AMERICA.

Application No. 1383/72 filed September 12, 1972.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

10 Claims.

A method of preparing a cured resinous composition suitable for insulating electrical apparatus which comprises reacting, by weight, (A) 90 to 120 parts of a non-glycidyl ether epoxide consisting of a non-glycidyl ether cycloaliphatic epoxide having an epoxy equivalent weight of from 75 to 250 or an acyclic aliphatic epoxide having an epoxy equivalent weight of from 250 to 600; (B) 5 to 120 parts of a glycidyl ether epoxy resin having an epoxy equivalent weight of from 130 to 300; (C) 50 to 220 parts of an acid anhydride; and (D) 0.08 to 0.9 parts of a quaternary organic phosphonium salt acting as latent catalyst and having the structural formula :



where R_1 , R_2 , R_3 , and R_4 are alkyl radicals having 1 to 21 carbon atoms or aryl radicals and X is a propionate, acetate, butyrate, isobutyrate or dimethyl phosphate radical; and curing the resulting resinous composition.

CLASS 28A+B & 98E. In. C-F23d(Burners) 137137.
13/00, 15/02, 21/00.

HAND HELD LOW TEMPERATURE HEAT GUN.

DIMITER SLAVTCHO ZAGOROFF, RESIDING AT 13 CLIFF STREET, MARBLEHEAD MASSACHUSETTS, UNITED STATES OF AMERICA.

Application No. 1829/72 filed November 6, 1972.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

17 Claims.

A hand held gun for directing a flow of heated air against a work object, relying upon fuel alone without assistance of blowers or compressors, said gun having a gaseous fuel jet adapted for connection to a conventional fuel gas source, and a jet pump activated by said gas jet and having an opening for drawing atmospheric air for combustion into a subatmospheric pressure region produced by said jet, said jet pump constructed to impart velocity to said combustion air by mixing, said gun being characterized by the combination of

an enlarged pressure recovery passage into which the mixture of gaseous fuel and combustion air proceeds, said recovery passage constructed to convert velocity head of said gases to a pressure head exceeding atmospheric pressure, and

an internal combustion chamber arranged to receive for combustion said gases discharging from said pressure recovery passage,

said chamber having walls arranged to cooperate with said pressure head to convert combustion-related gaseous expansion into velocity head of the combustion products, and to discharge said combustion products into an air entrainment zone for mixing said products with, and transferring heat to, ambient air to produce at the downstream end of said zone a flow of heated gases at a desired temperature, the outlet portion of said gun being constructed and arranged to enhance said mixing and thereby reduce the length of said entrainment zone required to produce said flow at said desired temperature.

CLASS 40-I. I.C.-601n 31/22. 137138.

601 n 33/16.

DIAGNOSTIC DEVICE FOR THE DETECTION OF UROBILINOGEN BODIES IN BODY FLUIDS.

BOEHRINGER MANNHEIM GMBH, OF MANNHEIM-WALDHOF, FEDERAL REPUBLIC OF GERMANY.

Application No. 992/Cal/73 filed April 27, 1973.

Convention date June 14, 1972/(27813/72) U.K.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

14 Claims.

Process for the preparation of diagnostic devices for the detection of urobilinogen, possibly together with bilirubin, in body fluids, wherein an absorbent carrier such as herein described is impregnated with a solution of at least one stable benzene diazonium salt, the optionally polysubstituted phenyl radical of which contains in the *o*-or *p*-position at least one polyatomic electron donor group with at least one mesomeric electron pair, the sum of the Hammett sigma values of all the substituents not exceeding the value +0.4, or an equivalent mixture of a suitable amine and nitrite salt in an inert solvent and dried in a manner such as herein described.

CLASS 83A. I.C.-C07g 7/00. 137139.

PROCESS FOR PREPARING FISH PROTEIN ISOLATE.

NESTLE'S PRODUCTS LIMITED, OF NESTLE HOUSE, COLLINS AVENUE, MASSAU, BAHAMAS.

Application No. 1149/Cal/73 filed May 18, 1973.

Convention date May 22, 1972/(23934/72) U.K.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

12 Claims. No. drawings.

A process for preparing a fish protein isolate containing less than 0.5% by weight of lipids and which is water-soluble

at all pH values, in which a slurry comprising comminuted fish material is subjected to enzymatic treatment until less than 20% by weight of the protein present in the fish is precipitable at a pH of 4.5, undegraded proteins are then precipitated from the slurry and insoluble matter is separated from the slurry to provide a solution of fish protein isolate.

CLASS 53D+E. I.C.-B62j 1/00. 137140.

"CYCLE"

NATIONAL INSTITUTE OF DESIGN OF PALDI, AHMEDABAD-7, INDIA.

Application No. 362/72 filed May 30, 1972.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Bombay Branch.

4 Claims.

A device for use in a cycle or like velocipede for raising or lowering the height of the inner tubes which respectively carry the saddle and the handle bar comprising a clamping device which is fitted around the outer tube in which is slidably fitted the inner tube, the clamp of said device when fitted partly embracing the outer tube, said clamp having split ends held together by a tightening bolt which partly projects out of the split ends of the clamp characterised in that there is provided between the inner and the outer tubes a sleeve or bush of plastic material having a flange which rests on the upper edge of the outer tube, and one of the arms of the split ends of the clamp is dished to receive the head of the bolt and further characterised in that a lever is screwed on the projecting threaded portion of said bolt so that by turning the lever, the split ends of the clamp forming the jaw can be brought together to tighten the clamp on the tubes or set apart for the clamp to release the grip on the tubes and when the grip is released, the height of the inner tube can be adjusted and consequently the height of the handle bar and/or the saddle as the case may be, can be adjusted.

137141.

CLASS 32F₁+F₂, b+F₃a+F₄b+F₅, & 55E, I.C.; C07D 5/16, I.C.: C07D, 27/20, C07D 63/12, C07D, 99/02.

PROCESS FOR THE PREPARATION OF FURAN, THIOPHENE AND PYRROLE DERIVATIVES.

JOHN WYETH & BROTHER LIMITED, OF HUNTER-COMBE LANE SOUTH, TAPLOW, MAIDENHEAD, BERKSHIRE, ENGLAND.

Application No. 1626/Cal/74 filed July 22, 1974

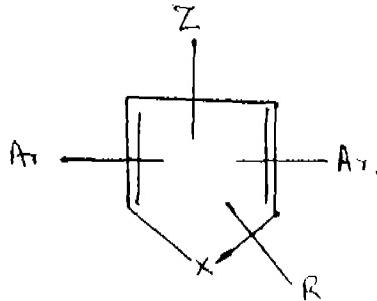
Convention date May 7, 1968 (21615/68) U.K.

Division of application No. 121187 filed May 6, 1969.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

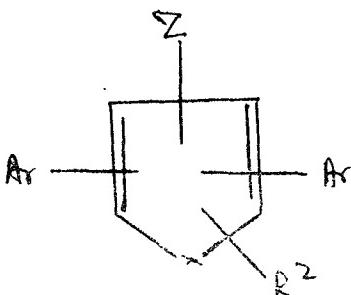
4 Claims.

A process for the preparation of a compound of the general formula I.



in which X is oxygen, sulphur or -NY-, Ar and Ar₁ are aryl radicals (which includes heteroaryl radicals) which may be the same or different, R is an aliphatic acid radical containing from 2 to 6 carbon atoms or a salt or amide thereof, Y is a hydrogen atom or an alkyl, cycloalkyl, aralkyl, aryl or heteroaryl radical which may be substituted or an acyl radical

and Z is hydrogen or an alkyl radical, characterised by hydrolysing a compound of the formula Ia.



in which X, Z and Ar¹ are as defined above and R² is aliphatic nitrile radical containing from 2 to 6 carbon atoms, under acidic or basic conditions.

CLASS 107B+G. I. C.-F02m 57/00. 137142.
CONTROL APPARATUS FOR AN INTERNAL COMBUSTION ENGINE FUEL INJECTION SYSTEM.

JOSEPH LICAS (INDUSTRIES) LIMITED, OF GREAT KING STREET, BIRMINGHAM 19, ENGLAND.

Application No. 1646/Cal/74 filed July 24, 1974.

Convention date March 2, 1971/(5857/71) U.K.

Addition to No. 134512.

Division of application No. 134512 filed February 5, 1972.
Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

6 Claims.

A control apparatus for an internal combustion engine fuel injection system which includes a shuttle metering device whereby the amount of fuel injected is variable by a control stop, comprises an edge cam pivotal about an axis, in response to a control which is operable during cold starting of an associated engine, a cam follower movable relative to the cam in response to the pressure in an intake manifold of the engine, a plunger engageable at one end thereof with the cam follower and co-acting with said control stop, latch means pivotally mounted on said cam and engageable with said one end of the plunger to restrict fuel supply to the engine, and abutment means engageable with the latch means to move the latter away from the plunger when said cam is moved in response to said control means biasing said latch means towards said engagement with the plunger and damping means operable to oppose movement of said latch means by said biasing means, said damping means comprises a hollow, resiliently deformable element, a passage connecting the inside of said element with the engine intake manifold and a spring means connected to the deformable element and to the latching means, whereby a reduction in said intake manifold pressure causes said spring means to apply an increased force to said latch means.

CLASS 40-I. I.C.-G01n 31/02, 31/22 & 33/16. 137143.

PROCESS FOR THE PREPARATION OF DIAGNOSTIC DEVICE.

BOEHRINGER MANNHEIM GMBH, OF MANNHEIM-WALDHOF, FEDERAL REPUBLIC OF GERMANY.

Application No. 993/Cal/73 filed April 27, 1973.

Convention date December 11, 1972/(57021/72) U.K.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

19 Claims.

Process for the preparation of diagnostic devices for the detection of urobilinogen, possibly together with bilirubin, in body fluids, which comprises at least one stable phenyl-, pyrrole- or pyrazole-diazonium salt which is annellated with an iso- or heterocyclic aromatic system in a mesomerisable and sterically unhindered position or is substituted directly or via a vinylene radical with an iso- or heterocyclic aromatic system and/or at least one pyridine- or pyrazole-diazonium

salt which contains, in mesomerisable position, at least one polyatomic electron donor group with at least one mesomerisable electron pair, the sum of the Hammett sigma values of all substituents and heteroatoms not exceeding the value of +0.6, together with at least one inorganic or organic acid, wherein an absorbent carrier such as herein described is impregnated with a solution of a solid acid and/or acid salt and of at least one of said diazonium salts.

CLASS 205-I. I.C.-B60b 21/00.

137144.

MANUFACTURE OF WHEEL RIMS.

GUEST KEEN & NETTLEFOLDS (AUST.) LIMITED, OF 145-151 ARTHUR STREET, HOMEBUSH WEST, IN THE STATE OF NEW SOUTH WALES, AUSTRALIA.

Application No. 1674/72 filed October 19, 1972.

Convention date October 21, 1971/(PA6729/71) AUSTRALIA.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

13 Claims.

A method of making a wheel-rim, comprising the steps:—

- (a) forming a cylindrical sleeve blank into a roughly-formed oversized rim having a circumferential well-base, tyre seat flats circumferentially flanking said well-base, and tyre retaining beads flaring outwardly from said flats;
- (b) mounting said oversized rim on a two-part male die having work surfaces formed as the envelope of internal surfaces required of a finished rim;
- (c) exerting an axially directed compressive restraint on the ends of said oversized rim while it is mounted on, any by way, of, said male die; and,
- (d) while said restraint is being exerted, applying to the outside of said oversized rim, a plurality of roller-applied inwardly directed radial loadings which travel circumferentially relative to said oversized rim, thereby to force said rim into close envelopment of said male die.

CLASS 190D. I.C.-F03d- 1/06. 137145.

A DEVICE FOR BEING ROTATABLY ACTUATED BY FLUID STREAMS.

EDDYA GOPALAKRISHNA RAO, "ANAND ARAM", SARASWATH COLONY, P.O. KOTEKAR, (VIA) MANGALORE, MYSORE STATE, INDIA.

Application No. 50/Mas/73 filed April 3, 1973.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Madras Branch.

3 Claims.

A device for being rotatably actuated by fluid streams characterised in that it comprises a hollow tetrahedral pyramidal structure, said structure being supportable so as to enable it to be rotated about the apex-base axis thereof, the sides of said structure being provided with an aperture each at the region of their corresponding base-vertices, such that with said structure supported as aforesaid and disposed in a fluid stream acting transversely to its apex-base axis, the said structure is constrained to rotate about the said axis, under the influence of the forces set up by the action of the said stream on the said sides and by the passage of said fluid through said apertures.

CLASS 205B. I.C.-B60c—9/02.

137146.

TIRE BUILDING MACHINE SERVICER.

N R M CORPORATION, OF 47 WEST EXCHANGE STREET, AKRON, OHIO-44308, UNITED STATES OF AMERICA.

Application No. 653/Cal/73 filed March 22, 1973..

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

20 Claims.

A servicer for supplying tire building stock to a tire building drum comprising a series of stock let-off units disposed to one side of the drum and mounted for indexing movement parallel to the drum axis; each said unit carrying a stock roll from which tire building stock is unwound for feeding toward the drum; and a storage and conveyor device between the drum and said series of units adapted to receive and store stock from the stock rolls of said units when they are in their respective indexed positions registering with said device and to convey the stored stock for successive application around the drum.

CLASS 205B. J-G.+K. I.C.-B29H—17/38. 13714.

ARRANGEMENT FOR ALIGNING TYRE TREADS AND FEEDING THEM ONTO THE DRUM OF A TYRE BUILDING MACHINE.

NAUCHNO-ISSLEDOVATELSKY KONSTROSKO-TEKHNOLOGICHESKY INSTITUT SHINNOI PROMYSHLENOSTI, OF ULITSA 5 KORDNAYA, OMSK, U.S.S.R.

Application No. 831/Cal/73 filed April 9, 1973.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

2 Claims.

An arrangement to feed pneumatic tyre treads to a tyre building drum and align them, comprising: a roller conveyor having springloaded rollers adapted to move axially and a tread aligning device made up in the form of a set of guide wheels mounted on a bracket above the roller conveyor in two parallel rows along the path of tread feed to the drum of a tyre building machine and adapted to interact with the side portions of the tyrefread running surface, characterized in that the roller conveyor is adapted to perform parallel movement from the point where the tread is transferred to the drum to the point where it is received on to the roller conveyor, the guide wheels of one row being fastened on an arm which is pivotally mounted on said bracket and provided with a drive for pivoting it.

CLASS 113B. I.C.—C22b 33/00. 137148.

A CONTINUOUS PROCESS TO MANUFACTURE SPARKING FLINTS.

JAGAT BHUSHAN JAIN, RESIDING AT RATAN KUNJ, 7 BUNGLOW ROAD, VERSOVA, BOMBAY 400-058, STATE OF MAHARASHTRA, INDIA.

Application No. 54/Bom/73 filed February 15, 1973.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Bombay Branch.

2 Claims.

A process to manufacture sparking flints comprising the following steps: (1) refining misch metal by heating it in a furnace with sodium chloride and potassium chloride and adding to the molten metal a predetermined quantity of magnesium metal to form a molten misch-magnesium alloy; (ii) quenching in water the molten misch-magnesium alloy to obtain it in a scrap form and drying such scrap; (iii) grinding the misch-magnesium alloy scrap in hairy oil, preferably in a ball mill to fine particles and then filtering off the oil; (iv) washing the misch-magnesium alloy particles free of oil by a washing agent, preferably tri-chlor-ethylene or kerosene or petroleum, and drying such particles; (v) making a flux of misch-magnesium alloy particles with iron powder in the proportion 5 to 40 per cent of the alloy particles with the aid of a small quantity of a lubricant like silicon oil, castor oil, zinc stearate or magnesium stearate; (vi) pressing the flux of misch-magnesium-iron alloy in a die into tablets of a predetermined shape, preferably thin cylinders; (vii) sintering the tablets in a furnace at a temperature between 400°C to 800°C for a period of time between 10 to 45 minutes converting the tablets into hard flints; (viii) grading the flints by sieves, each of a predetermined mesh; and (ix) lacquering the hard flints with a known paint or a known paint mixed with aluminium or bronze metal powder.

CLASS 143C. I.C.-A45c 13/10.

137149.

B65d 43/14.

A FASTENER.

KANDATHIEL KOSHY VARUGHESE, OF N-6, M.I.G., PLAT. FORESHORE ESTATE, MADRAS-28, TAMIL NADU, INDIA.

Application No. 74/Mas/73 filed May 26, 1973.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Madras Branch.

3 Claims.

A fastener characterised in that it comprises a rigid frame having an aperture therein; at least two rigid members one end of each of which is flexibly attached to the periphery of said frame so as to enable the said members to be turned about their points of flexible attachment and to rest, side by side, on the said frame and over the said aperture; a flexible binding strap, the two ends of which are insertable through said aperture and capable of being formed into open loops around said members, respectively, such that with the said straps wrapped around an article and tightened in place, the said members are constrained by the said strap to be urged firmly against the said frame to prevent the ends of the said strap from working loose.

CLASS 14A., I.C.-H01m 13/00.

137150.

IMPROVEMENTS IN AND RELATING TO BATTERY ELECTRODES.

INTERNATIONAL NICKEL LIMITED, OF THAMES HOUSE, MILLBANK, LONDON, S.W.1., ENGLAND.

Application No. 1741/72 filed October 26, 1972.

Convention date October 26, 1971/(49669/71). U.K.
Appropriate office for opposition Proceedings Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

5 Claims.

A process for the electrolytic deposition of cadmium hydroxide on an electrically conducting support from an electrolyte containing cadmium ions and reducible ions the redox potential of which is more positive than the discharge potential of the cadmium ions, characterised in that the support presents a smooth impermeable surface, the deposition is carried out at a current density of at least 25 A/m² and the electrolyte has a pH of not more than 6.0 and contains a small proportion of a nickel salt so that nickel amounting to from 1 to 10% by weight of the deposit is incorporated in the cadmium hydroxide as nickel hydroxide.

CLASS 104F. I.C.:—C08c, 7/00, 7/02.

137151.

IMPROVEMENTS IN SHELF STABLE VINYL PYRIDINE RUBBER LATEX AND ADHESIVE.

THE GOODYEAR TIRE & RUBBER COMPANY, AT AKRON, OHIO, UNITED STATES OF AMERICA, AND A POST OFFICE ADDRESS AT 1144 EAST MARKET STREET, AKTON, OHIO, UNITED STATES OF AMERICA.

Application No. 1938/72 filed November 17, 1972.

Appropriate office for opposition Proceedings Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

10 Claims.

A latex composition comprising (1) the aqueous emulsion polymerizate of vinylpyridine and at least one other monomer present in amount sufficient to form a rubbery copolymer and (2) a stabilizing amount of an alkali metal salt of the reaction product of naphthalene sulfonic acid and formaldehyde.

CLASS 32F1. I. C.—C07C, 87/28.

137152.

PROCESS FOR PREPARING NEW AMINO-PROPANE DERIVATIVES.

SCIENCE UNION ET CIE, SOCIETE FRANCAISE DE RECHERCHE MEDICALE, OF 14, RUE DE VAL D' OR, 92 SURESNES, FRANCE.

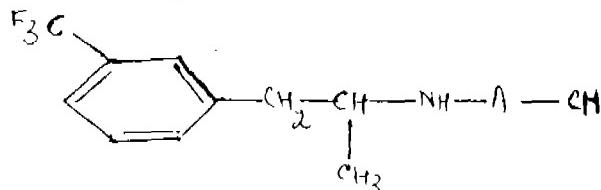
Application No. 267/Cal/73 filed February 6, 1973.

Convention date February 7, 1972(5557/72) U.K.

Appropriate office for opposition Proceedings Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

1 Claim.

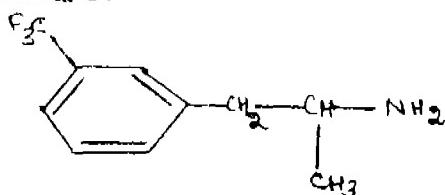
A process for preparing amino propane derivatives of the general formula I,



wherein A represents: -CH₂-, -CH₂-CH₂-, CH₂-CH- or -CH-CH₂-

¹ CH₃ ¹ CH₃

under the racemic or optically active form, and acid addition salts thereof, which comprises refluxing the compound of the formula II.



with HO-CH₂-CN, CH₂=CH-CN,
CH₂=C¹-CN or CH₂=CH-CH₂-CN

¹ CH₃

respectively and if desired, treating the so-obtained compounds with suitable acids in order to form the corresponding acid addition salts.

CLASS 206D+H. I.C.-H03c 3/10, 7/00. 137153.

VHF PHASE MODULATOR FOR MICROWAVE TELECOMMUNICATION EQUIPMENT.

TAVKOZLESI MUTATO INTEZET, OF 65, GABOR ARON UTCA, 1026 BUDAPEST II, HUNGARY.

Application No. 1187/Cal/73 filed May 21, 1973.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

6 Claims.

VHF phase modulator set-up in particular for the purpose of microwave telecommunication equipment, containing each an oscillator, amplifier, output amplifier, tuning element, isolator and phase modulator characterized in that at least one inductive and/or capacitive tuning element of the isolator following upon a chain built up of each an oscillator, amplifier and output amplifier has been designed as phase modulator.

CORRECTION OF CLERICAL ERROR

Under Section 78(3) of the Patents Act, 1970 certain clerical errors occurring in the name, address and nationality of the patentee in respect of patent No. 129402 were corrected on the 1st APRIL 1975.

PATENTS SEALED

83482 97352 115555 123661 131822 133620 133631 133814
133842 134184 134221 134373 134746 134831 134881 134984
134998 135001 135049 135105 135197 135204 135206 135208
135211 135218 135219 135733 135759 135810 135840 135841
135850 135863 135875 135876 135878 135887 135894 135908
135910 135934 135941 135943 135953 135959 135972 135975
135976 135989 135990 135995 135998.

CLAIM UNDER SECTION 20(1) OF THE PATENTS ACT, 1970.

The claim made by Herbert Kannegesser Kommanditgesellschaft under Section 20(1) of the Patents Act, 1970 to proceed the application for patent No. 134508 in their name has been allowed.

AMENDMENT PROCEEDINGS UNDER SECTION 57.

Notice is hereby given that The National Cash Register Company, of Dayton, in the State of Ohio, United States of America and Baltimore, in the State of Maryland, United States of America, have made an application under Section 57 of the Patents Act, 1970 for amendment of specification of their application for patent No. 119332 for "A method of treating minute capsules". The amendments are by way of explanation, correction and disclaimer by the amendment of the specification. The application for amendment and the proposed amendments can be inspected free of charge at the Patent Office, 214, Acharya Jagadish Bose Road, Calcutta-700017 or copies of the same can be had on payment of the usual copying charges. Any person interested in opposing the application for amendment may file a notice of opposition on the prescribed form 30 within three months from the date of this notification at the Patent Office, Calcutta. If the written statement of opposition is not filed with the notice of opposition it shall be left within one month from the date of filing the said notice.

(2)

Notice is hereby given that Colgate-Palmolive Company, a corporation organized and existing under the laws of the State of Delaware, United States of America, whose address is: 300 Park Avenue, New York, New York 10022, United States of America, have now proposed some fresh amendments in the claims in respect of their application for Patent No. 122425 for "Dentifrice polishing agents", which are found to be substantially different from those originally filed and notified in Part III, Section 2 of the Gazette of India dated the 29th September 1973. The amendments are by way of correction and disclaimer so as to ascertain the invention more correctly and clearly. The application for amendment and the proposed amendments can be inspected free of charge at the Patents Office on any working day during usual office hours or copies of the same can be had on payment of the usual copying charges. Any person interested in opposing the application for amendment may file a notice of opposition on the prescribed form 30 within three months from the date of this notification. If the written statement of opposition is not filed with the notice of opposition, it shall be left within one month from the date of filing the said notice.

PATENTS DEEMED TO BE ENDORSED WITH THE WORDS "LICENCES OF RIGHT"

The following patents are deemed to have been endorsed with the words "Licences of right" under Section 87 of the Patents Act, 1970. The dates shown in the crescent brackets are the dates of the patents.

No. & Title of the invention.

- | |
|-------------------------------------------------------------------------------------------------------------------------------------------|
| 120417 (19-3-69) 2-chloro-4-tert-butylamino-6-cyclopropylaminos-triazine, processes for its production and its use for controlling weeds. |
| 122425 (27-7-69) Dentifrice polishing agents and method of making them. |
| 123290 (25-9-69) Process for the electrolytic production of sodium perchlorate. |
| 123789 (29-10-69) Method of producing proteins by cultivation of microorganisms. |
| 123884 (5-11-69) Method of preparing an oligomer. |
| 124460 (31-7-69) Method and apparatus for drying granulates of synthetic linear polymers. |
| 124509 (19-12-69) Production of oxalic acid from saw-dust. |
| 124581 (24-12-69) Process for the production of toughened polymers of vinyl aromatic compounds. |
| 124660 (23-1-69) Improvements in or relating to the catalytic polymerization of olefins. |
| 124686 (2-1-70) Alimentary paste product and manufacture thereof. |
| 124689 (2-1-70) Method for producing anhydrous sodium dithionite. |
| 124694 (2-1-70) Catalytic composition and a method of producing methanol using the composition. |

- 124695 (2-1-70) Thermosetting plastics for loom shuttles and other dynamically heavily loaded shock absorber and antifriction articles and methods for producing said plastics.
- 124793 (12-1-70) Method for the conversion of hydrocarbons.
- 124808 (12-1-70) Process for the separation of acetylene from gases obtained by pyrolysis.
- 124855 (14-1-70) Process for the preparation of metal, ammonium and substituted ammonium derivatives of 5-substituted-1, 3, 4-thiadiazolyl ureas and compositions containing the same for agricultural use.
- 125072 (31-1-69) Polyurethane foams and a process for producing them.
- 125224 (11-2-70) Method and apparatus for the storage and pulping of mineral ores and comparable particulate matter.
- 125615 (20-10-69) Process for preparing ω -substituted lactones.
- 125653 (10-3-70) Improvements in or relating to the electrolytic reduction of titanic sulphate to titanous sulphate.
- 125974 (30-3-70) Hydrocarbon conversion catalyst and process for the manufacture and use thereof.

RENEWAL FEES PAID

69929	70814	71677	71747	71774	71894	76067	76068	76385
76505	76572	76636	76648	76662	76790	76920	77043	77351
77352	77882	78481	78818	79658	80528	80931	81780	81817
81886	81957	82230	82527	82817	83274	83275	83276	83351
85122	87062	87774	87814	87962	87990	88053	88108	88125
88163	88202	88926	89012	89436	90460	92299	93197	93328
93410	93653	93784	94006	94019	94656	95236	96489	97132
98787	98853	99056	99118	99294	99352	99429		
99430	99535	99599	99660	99687	99689	99706		
99779	99785	100718	100719	101087	102120	104219		
104755	104880	104881	104932	104944	105026	105134		
105267	105380	105424	105448	105722	105812	106194		
107118	108361	108808	108809	109786	110209	110373	110467	
110495	110531	110563	110574	110627	110639	110652	110661	
110709	110753	110768	110783	110816	110842	110846	111245	
111269	111728	111817	112338	112907	113017	113276	113973	
114034	114193	114214	114215	114300	114466	114545	114872	
115307	115364	115466	115483	115512	115529	115691	115710	
115741	115813	115833	115835	115879	115923	115976	115988	
116129	116152	116302	116396	116498	116780	117079	117736	
117846	118204	118322	118997	119015	120796	120800	120857	
120951	120964	120967	120978	121077	121171	121282	121317	
121320	121335	121350	121355	121368	121451	121477	121483	
121504	121554	121604	121941	122581	123106	123194	123704	
123874	123975	124544	124863	125222	125603	125833	125902	
126106	126178	126179	126183	126184	126268	126269	126376	
126432	126538	126555	126557	126596	126658	126671	126746	
126821	127204	127347	127348	128091	128223	128464	129387	
129613	130873	130933	131046	131079	131084	131142	131190	
131201	131215	131218	131242	131248	131327	131368	131369	
131398	131427	131487	131521	131865	132181	132463	132498	

132900	132960	132961	133023	133270	133283	133482	133483
133544	133562	133626	133675	133766	133853	133903	133944
134079	134080	134177	134285	134288	134444	134500	134549
134569	134704	134734	134736	134739	134740	134743	134747
134793	134795	134828	134861	134873	134874	134900	135088
135135	135146	135180	135183	135189	135238	135393	135406
135407	135447	135539	135576	135586	135597	135598	135600
135606	135638	135643	135711	135713	135715	135731	135750
135752	135754	135757	135764	135778	135784	135787	135796
135798	135820	135826	135920	135923	135924	135928	135929
135933	135935	135945					

CESSATION OF PATENTS

77321	97396	97402	97609	97683	97886	97945	97967	98065
98264	98492	98550	98586	98648	98657	98678	98684	98693
98695	98699	98706	98707	98728	98729	98731	98739	98749
98758	98824	98837	98838	98875	98889	98925	98941	98951
98991	99022	99044	99089	99098	99110	99114	99140	99226
99263	99264	99293	99310	99331	99358	99367	99408	99423
99486	99498	99510	99511	99512	99531	99557	99563	99564
99642	99648	99671	99673	99686	99733	99809	99833	99834
99845	99878	99905	99982	100041	100048	100050	100052	
100053	100054	100090	100105	100165	100167	100198	100199	
100264	100279	100287	100290	100307	100319	100434	100492	
100493	100519	100567	100582	100604	100630	100631	100642	
100681	100690	100948	100949	101035	101037	101380	109486	
111703	122421	133545						

RESTORATION PROCEEDINGS

(1)

Notice is hereby given that an application was made under Section 60 of the Patents Act, 1970 for the restoration of Patent No. 111703 granted to Spezialchemie GmbH & Co. for an invention relating to "Process for the manufacture of β -methoxy- or β -ethoxy-crotonic acid esters". The patent ceased on the 30th December, 1974 due to non-payment of renewal fees within the prescribed time and the cessation of the Patent was notified in the Gazette of India, Part III, Section 2, dated the 10th May, 1975.

Any interested person may give notice of opposition to the restoration by leaving a notice on Form 32, in duplicate with the Controller of Patents, The Patent Office, 214, Acharya Jagadish Bose Road, Calcutta-17 on or before the 10th July, 1975 under Rule 69 of the Patents Rules, 1972. A written statement, in triplicate, setting out the nature of the opponent's interest, the facts upon which he bases his case and the relief he seeks, shall be filed with the notice or within one month from the date of the notice.

(2)

Notice is hereby given that an application was made under Section 60 of the Patents Act, 1970 for the restoration of Patent No. 135087 granted to Dana Corporation for an invention relating to "Bearing cup for a universal joint." The patent ceased on the 15th October, 1974 due to non-payment of renewal fees within the prescribed time and the cessation of the patent was notified in the Gazette of India, Part III, Section 2, dated the 3rd May, 1975.

Any interested person may give notice of opposition to the restoration by leaving a notice on Form 32, in duplicate with the Controller of Patents, The Patent Office, 214, Acharya Jagadish Bose Road, Calcutta-17 on or before the 10th July, 1975 under Rule 69 of the Patents Rules, 1972. A written

statement, in triplicate, setting out the nature of the opponent's interest, the facts upon which he bases his case and the relief he seeks, shall be filed with the notice or within one month from the date of the notice.

(3)

Notice is hereby given that an application for restoration of Patent No. 91024 dated the 27th November, 1963 made by Riggs and Lombard Inc., on the 26th November, 1974 and notified in the Gazette of India, Part III, Section 2, dated the 11th January, 1975 has been allowed and the said patent restored.

(4)

Notice is hereby given that an application for restoration of Patent No. 108307 dated the 5th December, 1966 made by Stabilator Aktiebolag on the 5th December, 1973 and notified in the Gazette of India, Part III, Section 2, dated the 5th January, 1974 has been allowed and the said patent restored.

(5)

Notice is hereby given that an application for restoration of Patent No. 108353 dated the 8th December, 1966 made by Stabilator Aktiebolag on the 5th December, 1973 and notified in the Gazette of India, Part III, Section 2, dated the 5th January, 1974 has been allowed and the said patent restored.

(6)

Notice is hereby given that an application for restoration of Patent No. 125017 dated the 27th January, 1970 made by Kulasekharaperumal Mabadevan Pillai on the 14th October, 1974 and notified in the Gazette of India, Part III, Section 2, dated the 14th December, 1974 has been allowed and the said patent restored.

REGISTRATION OF DESIGNS

The following designs have been registered. They are not open to inspection for a period of two years from the date of registration except as provided for in Section 50 of the Designs Act, 1911.

The date shown in each entry is the date of registration of the design included in the entry.

Class 1. Nos 142227, 142228 & 142229. Unik Metal Works, 155 Bapty Road, Two Tanks, Bombay 400 008, Maharashtra, India. Indian proprietary concern. "Burner". September 11, 1974.

Class 1. No. 142331. Mohanlal Madhvji, C/o Amar Industries, Opp. P.W.D. Office, Jamnagar, Gujarat, India. An Indian citizen. "Shackle for padlock". October 14, 1974.

Class 1. Nos. 142332 & 142333. Mohanlal Madhvji, C/o Amar Industries, Opp. P.W.D. Office, Jamnagar, Gujarat, India. An Indian citizen. "Lever for padlock". October 14, 1974.

Class 1. No. 142334. Mohanlal Madhvji, C/o Amar Industries, Opp. P.W.D. Office, Jamnagar, Gujarat India. An Indian citizen. "Latch for padlock". October 14, 1974.

Class 1. No. 142335. Mohanlal Madhvji, C/o Amar Industries, Opp. P.W.D. Office, Jamnagar, Gujarat, India. An Indian citizen. "Clamp for padlock body". October 14, 1974.

Class 1. No. 142336. Mohanlal Madhvji, C/o Amar Industries, Opp. P.W.D. Office, Jamnagar, Gujarat, India. An Indian citizen. "Front cover for lock". October 14, 1974.

Class 1. No. 142337. Mohanlal Madhvji, C/o Amar Industries, Opp. P.W.D. Office, Jamnagar, Gujarat, India. An Indian citizen. "Front plate for lever box assembly for padlock". October 14, 1974.

Class 1. No. 142338. Mohanlal Madhvji, C/o Amar Industries, Opp. P.W.D. Office, Jamnagar, Gujarat, India. "Back plate for lever box assembly for padlock". October 14, 1974.

Class 1. No. 142339. Mohanlal Madhvji, C/o Amar Industries, Opp. P.W.D. Office, Jamnagar, Gujarat, India. An Indian citizen. "Back cover for lock". October 14, 1974.

Class 1. No. 142353. Yaka Allied (India), B-24, Golden Park, Delhi-110051. An Indian proprietary concern. "Dental Unit". October 17, 1974.

Class 1. No. 142407. Shekh Hyder, 11-4-577, Bazar Ghat, Hyderabad-500 001, (Andhra Pradesh). A citizen of India. "Poultry hanging feeder". November 4, 1974.

Class 1. No. 142518. Sheikh Ali Hossain proprietor, United Bakery, 15, Topsia second Lane, Calcutta-700039, West Bengal, India, Nationality Indian. "Moulding device". December 16, 1974.

Class 1. No. 142548. Ram Pershad Jain, trading as Ram Pershad Jain & Sons, 426-Katra Nabi Bux, Sadar Bazar, Delhi. An Indian National. "Fastener". December 21, 1974.

Class 3. No. 142278. National Plastic & Allied Industries, Sarang Street, Taher Building, 1st floor, Bombay 400 003, Maharashtra State, India. An Indian partnership firm. "Container". September 30, 1974.

Class 3. No. 142285. Marble Cottage Industries, of Dayal Bagh Agra-282005, (U.P.). An Indian sole proprietary concern. "Glass". October 4, 1974.

Class 3. No. 142317. Geep Flashlight Industries Ltd., 28-South Road, Allahabad-1 (Uttar Pradesh). India. An Indian Company. "A lock switch". October 9, 1974.

Class 3. No. 142419. The Parker Pen Company, of 219 East Court Street, Janesville, Wisconsin, United States of America, A corporation organized and existing under the laws of the State of Delaware. "Fountain Pen". November 11, 1974.

Class 3. No. 142585. Maelilkulam Ramakrishnan Narayanan, of "Visranth", Golf Links Road, Kowdiar, Trivandrum, Kerala, India, of Indian Nationality. "A Casing for an automatic voltage stabilizer". January 1, 1975.

Class 3. No. 142594. Peekay Industries, of 110, D.L.F. Industries Estate, P.O. Amar Nagar, Faridabad (Haryana). An Indian Partnership Concern.

Class 3. No. 142603. Murphy India Limited, at Eastern Express Highway, Thana, State of Maharashtra, India. An Indian Company existing under the companies Act, 1956. "An Instrument box". January 4, 1975.

Class 10. No. 142430. Narendra Plastics, 2595, Tri Nagar, Delhi-35. An Indian partnership concern. "Foot wear". November 22, 1974.

Class 12. No. 142519. Sheikh Ali Hossain, United Bakery 15 Topsia second Lane, Calcutta-700039, West Bengal, India, Nationality Indian. "Biscuits". December 16, 1974.

CORRECTION OF CLERICAL ERROR UNDER SECTION 62 OF THE DESIGNS ACT, 1911

Under Section 62 of the Designs Act, 1911, the first name of the Registered Proprietor in respect of Design No. 136157 has been corrected from AMAR to DIN.

**CORRECTION OF CLERICAL ERROR UNDER SECTION
62 OF THE DESIGNS ACT, 1911****(1)**

Under Section 62 of the Designs Act, 1911, the first name of the Registered Proprietor in respect of Design No. 138975 has been corrected from AMAR to DINA.

(2)

Under Section 62 of the Designs Act, 1911, the first name of the Registered Proprietor in respect of Design No. 139154 has been corrected from AMAR to DINA.

(3)

Under Section 62 of the Designs Act, 1911, the first name of the Registered Proprietor in respect of Design No. 139212 has been corrected from AMAR to DINA.

**REGISTRATION OF ASSIGNMENTS, LICENCES, ETC.
(DESIGNS)**

Assignments, licences or other transaction affecting the interest of the original proprietors have been registered in the following cases. The number of each case is followed by the names of the applicants for registration.

113845.— Mahesh Chander and Subhas Chander.

113846.—

S. VEDARAMAN,
Controller-General of Patents,
Designs and Trade Marks.

